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*Proposals*

7 May 1965

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Subject: Contract AF33(657)-12846, Follow-on EMR Program  
Proposed Change in Operational EMR/AGE Schedules

Reference: (1) Work Statement 1940-W-1 dated 15 Jan. 1965  
(2) EMR Letter Report 1940-L-12 dated 28 Feb. 1965  
(3) EMR Letter Report 1940-L-13 dated 30 March 1965

Attention:

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Dear Temp:

This is to call your attention to a proposed change in the schedule of EMR and OPS AGE deliveries as set forth under Ref. (a) which we believe would be in the interests of the overall program under the present circumstances.

During the past two months it has become evident from our forward network planning that it will not be possible for us to deliver EMR System #3 (the first operational EMR) concurrently with the first Operational AGE System on 30 August 1965. This situation, which has been discussed in detail with cognizant SPO personnel (Don Seehafer) results from a combination of the following factors:

- (a) The operational EMR systems have undergone some design changes necessary to reduce weight. When this decision was made with the SPO it was understood that some risks in jeopardizing the schedule were involved. Weight reduction efforts have, in fact, delayed the freezing of EMR designs to the point where the OPS AGE schedule was adversely affected, but significant weight savings in the operational EMR systems has been achieved (Ref. (b)).
- (b) We have experienced some delays in both internal and subcontractor deliveries on the OPS AGE development, despite our best efforts and considerable overtime (Ref. c).
- (c) The time scheduled for marriage of the first OPS AGE with the first operational EMR system before delivery cannot realistically be shortened even with multiple shifts and overtime work. Every possibility of early marriage tests of components using breadboards and prototypes is being exploited.
- (d) The disposition of the operational EMR's has not been officially defined beyond delivery FOB the EMR Contractor's facility. However, it is our

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present understanding that EMR #3 should be subjected to a fit check at ADP and then approximately 60 days of flight test during Cat II. Furthermore, EMR #4 and OPS AGE #1 must undergo a similar fit check at ADP and then a brief flight test at Palmdale of the Test Site prior to delivery at the OPS Site on 15 December 1965.

It is believed that the following plan will realistically accomplish the most essential objectives for the overall program.

#### Proposed Reschedule of Operational EMR and AGE Deliveries

1. Shipment of EMR System #3 to ADP on 10 September 1965. After a brief check in Building 51, this system would be available at the Test Site for Cat II testing. It would be supported by the Interim AGE plus the field shop equipment at the OPS Site. Presumably this system would remain for at least 60 days of Cat II flight testing.
2. Shipment of OPS AGE #1 and EMR system #4 to ADP on 19 November 1965. This allows about 1 week for a fit check in Building 51 at ADP, and 2 weeks for a flight check at Palmdale of the Test Site, whichever is most convenient at the time, prior to delivery of both items to the OPS Site by 15 December 1965.
3. The proposed reschedule for delivery would thus appear as follows:

#### Shipping Dates from EMR Cont.'s Facility

##### EMR Deliveries

EMR #3	10 Sept. 1965
EMR #4	19 Nov. 1965
EMR #5	15 Jan. 1966
EMR #6	15 March 1966
EMR #7	15 May 1966
EMR #8	30 June 1966

##### OPS AGE Deliveries

OPS AGE #1	19 Nov. 1965
OPS AGE #2	15 Jan. 1966
OPS AGE #3	15 March 1966*

\*Acceptance date - Unit to remain at the EMR Contractor's Facility as GFE until delivery of EMR #8.

In implementing the above plan, we would use EMR System #3 initially for part of the marriage testing with OPS AGE #1, later shifting to EMR #4 for conclusion of the marriage tests. We believe that this plan makes best use of the available resources in the present situation, allows for early delivery of EMR #3 for field tests, and provides the maximum possible time for marriage of the first OPS AGE

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with operational EMR systems prior to delivery of a system with AGE to the OPS Site by 15 December 1965.

Your comments on this proposed change in delivery schedule are requested at your convenience.

Sincerely yours,



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